Highlights of the National Sign Program

Presented by

US Army Corps of Engineers®

Sign Program Goals

- Establish a cohesive and distinctive image for all Corps' signs ("branding");
- Provide information that enhances the experience of our visitors;
- Provide for the safety of visitors and employees.

Part 1
Sign Standards Manual

Prepared by

Jeff Mangum

NAD Sign Program Manager

Chair, Sign Advisory Work Group

Sign Manual Overview

- Subset of Graphics Standards Manual
- There are 2 volumes
  - Volume 1 – Sections 1-18 (EP 310-1-6a)
  - Volume 2 – Appendices A-F (EP 310-1-6b)
- First published in 1987
- Volume I revised in 2006

Revision Highlights

- New partnership identification signs

Revision Highlights

- Corps Logo on approach directional signs

Revision Highlights

- U.S. Fee Area sign

Revision Highlights

- Campsites May Be Reserved

Revision Highlights

- Warning, Water Quality…

Revision Highlights

- Electronic display sign guidance

Revision Highlights

- Recreation symbols with text

Revision Highlights

- Blue Symbol of Access

Revision Highlights

- 8 new symbols

Revision Highlights

- Section 11 altered to meet Safety Manual

Revision Highlights

- Section 13 revised

Interpretive Self-Guiding Trail Station Sign — **EP 310-1-6a 01 Jun 06**

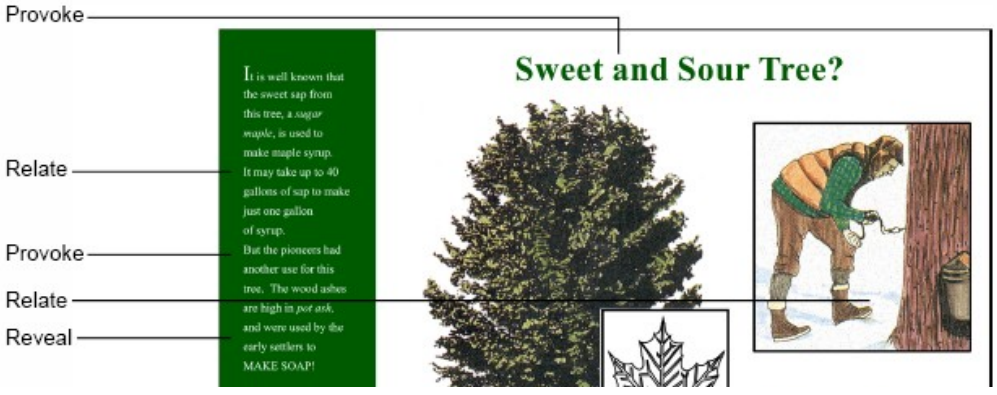
In planning and developing signs for self-guiding trails it is important to remember that the interpretive story for the entire trail should be developed first. Then each trail stop interprets a part of that whole story. A self-guiding trail should not have more than 7-10 stops.

Each station sign should be considered a sub-theme of the main theme. These sub-themes reinforce the main theme and are part of the story being told. Like themes, sub-themes should:

- Be based on the goals and objectives of the trail;
- Support the key message in both its title and message;
- Be complete sentences;
- Combine the tangible objects with universal concepts or ideas that help people relate to this station on the trail or this part of the story.

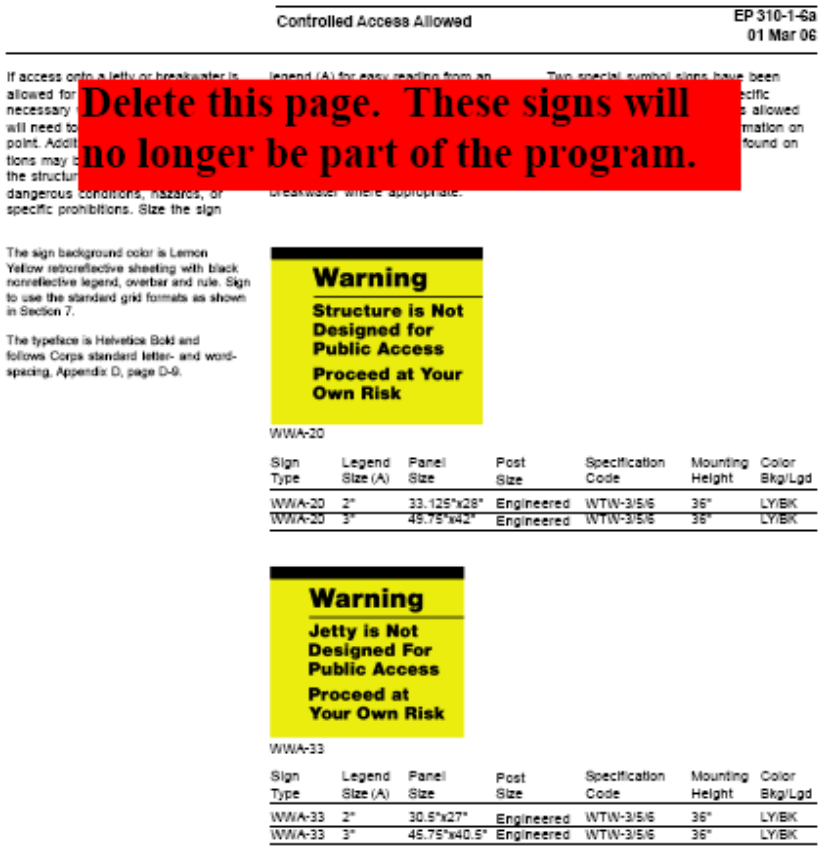
The last stop on the trail should be the conclusion to your story. It should:

- Relate and restate the theme;
- Reveal and summarize the key points;
- Provoke the visitor to find additional information;
- Direct people, if necessary, to the starting point.


Provoke
Relate
Provoke
Relate
Reveal
Sweet and Sour Tree?
It is well known that the sweet sap from this tree, a sugar maple, is used to make maple syrup. It may take up to 40 gallons of sap to make just one gallon of syrup.
But the pioneers had another use for this tree. The wood ashes are high in pot ash, and were used by the early settlers to MAKE SOAP!

Revision Highlights

- Jetty sign deleted from 14



Controlled Access Allowed

EP 310-1-6a
01 Mar 06

Delete this page. These signs will no longer be part of the program.

If access onto a jetty or breakwater is allowed for necessary will need to point. Addit tions may b the structur dangerous conditions, hazards, or specific prohibitions. Size the sign

legend (A) for easy reading from an

Two special symbol signs have been ecific s allowed rmation on found on

breakwater where appropriate.

The sign background color is Lemon Yellow retroreflective sheeting with black nonreflective legend, overbar and rule. Sign to use the standard grid formats as shown in Section 7.

The typeface is Helvetica Bold and follows Corps standard letter- and word-spacing, Appendix D, page D-9.

Warning
Structure is Not Designed for Public Access
Proceed at Your Own Risk

WWA-20

Sign Type	Legend Size (A)	Panel Size	Post Size	Specification Code	Mounting Height	Color Bkg/Lgd
WWA-20	2"	33.125"x28"	Engineered	WTW-3/5/6	36"	LY/BK
WWA-20	3"	49.75"x42"	Engineered	WTW-3/5/6	36"	LY/BK

Warning
Jetty is Not Designed For Public Access
Proceed at Your Own Risk

WWA-33

Sign Type	Legend Size (A)	Panel Size	Post Size	Specification Code	Mounting Height	Color Bkg/Lgd
WWA-33	2"	30.5"x27"	Engineered	WTW-3/5/6	36"	LY/BK
WWA-33	3"	46.75"x40.5"	Engineered	WTW-3/5/6	36"	LY/BK

Revision Highlights

- New symbols for jetty hazards

EP 310-1-6a
01 Jun 06

Signs for Jetty Hazards

Two symbols have been developed to communicate specific hazards of jetties and breakwaters. They have been formatted as slat signs or symbol signs. These signs may be placed near the entry to jetties or breakwaters.

The use of symbols in regions that contain diverse populations where multilingual barriers exist is an effective way of conveying a message and eliminates the need for separate signs for each language.

The sign background color is Lemon Yellow retroreflective sheeting with black nonreflective legend and symbol. Sign to use the standard grid formats for symbol and slat signs as shown in Section 8.

The typeface is Helvetica Bold and follows Corps standard letter- and word-spacing.

HS-001

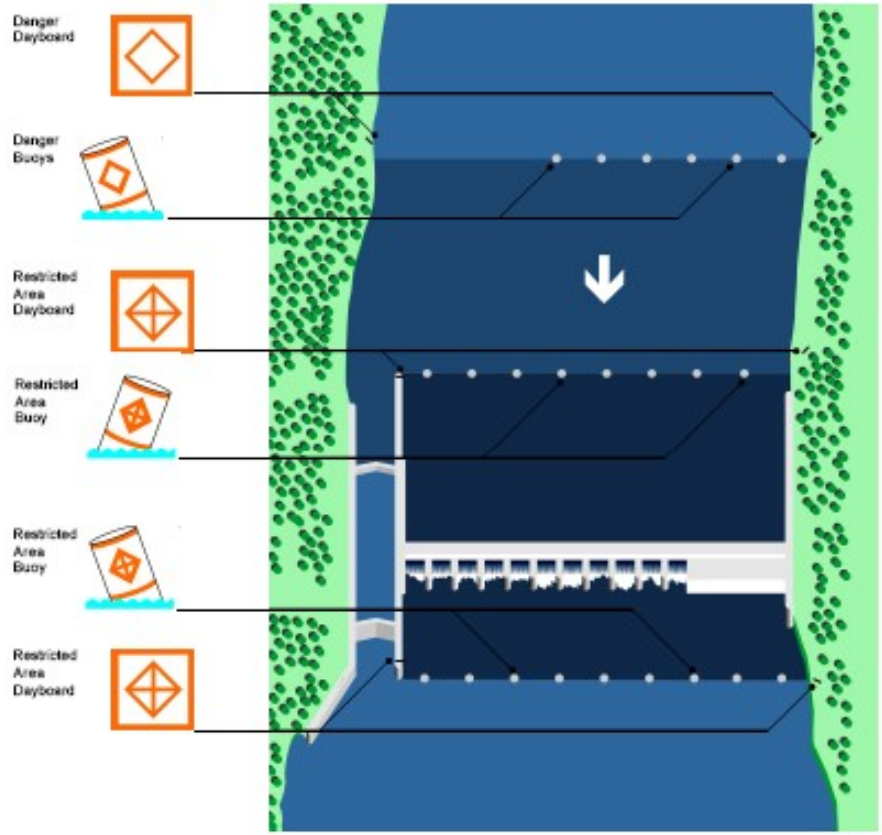
HS-002

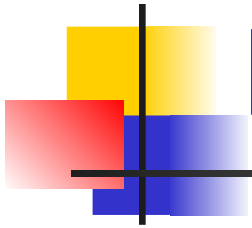
Deadly Waves at Any Time
HS-001

Jetty Unsafe for Walking
HS-002

Revision Highlights

- Section 15 – all new guidance on ATON





Revision Highlights

- Questions?

Part 2
ffic Signs & Other Issues

US Army Corps of Engineers®

Prepared by

Jeff Mangum

NAD Sign Program Manager

Chair, Sign Advisory Work Group

Standard Highway Signs and MUTCD

- Off-project signs must be approved by appropriate authority.
- If Corps standards will be allowed, follow Section 6.
- If Corps standards not allowed, follow MUTCD (and state
ent).

Standard Highway Signs and MUTCD

- MUTCD is available online:
  - Link from Gateway for pdf version or go to
  - http://mutcd.fhwa.dot.gov/HTM/2003r1/html-index.htm
- Note Section 9 exceptions to MUTCD
  - Approach and Roadway Directional Signs
  - Recreation symbols
  - Parking and No Parking

Safety Signs: When, Where, How

- Safety = Caution, Warning, Danger
- Safety signs are sacred! Think liability.
- Section 2 explains application.
- Must select a safety sign from either the manual or the MCX list (see Gateway).
- Or… submit a Request for Approval of a Nonstandard Safety Sign through your District to Division to MCX.

Notice Signs: When, Where, How

- *Not* a safety sign!
- Not to be used in lieu of a safety sign.
- For informational purpose only.
- Customized wording is OK.
- Get your District Sign Program Manager approval before ordering.

What is a compliant sign?

- See Section 2 statement
  - Layout (grids)
  - Color (section 4)
  - Font (Helvetica bold, medium, regular)
  - Material (Engineer vs. Diamond grade)
  - Mounting (wood posts)
  - Wording of safety signs

What is a compliant sign?

- Exception: interpretive signs
  - Use good interpretive technique
  - Not for circumventing safety signs
- Although manual is an EP, compliance is required by ER 1130-2-500
- Be safe: Comply!

US Army Corps of Engineers®

Part 3
Corps SignPro

Prepared by

Rick Magee

National Sign Program Manager

What is Corps Sign Pro?

- *Corps SignPro* is replacing the DOS-based *Sign Manager* software.
- *SignPro* is a web-based application for inventorying and ordering signs.
- *SignPro* provides custom grids that will help you to create signs that will be compliant in terms of format, color, and typeface.
- *SignPro* will show you a scaled color image of the custom sign you create giving you a look at your sign prior to ordering it.
- SignPro will be your sign plan.

Finding Corps SignPro

- Go to this web address to get to login screen:

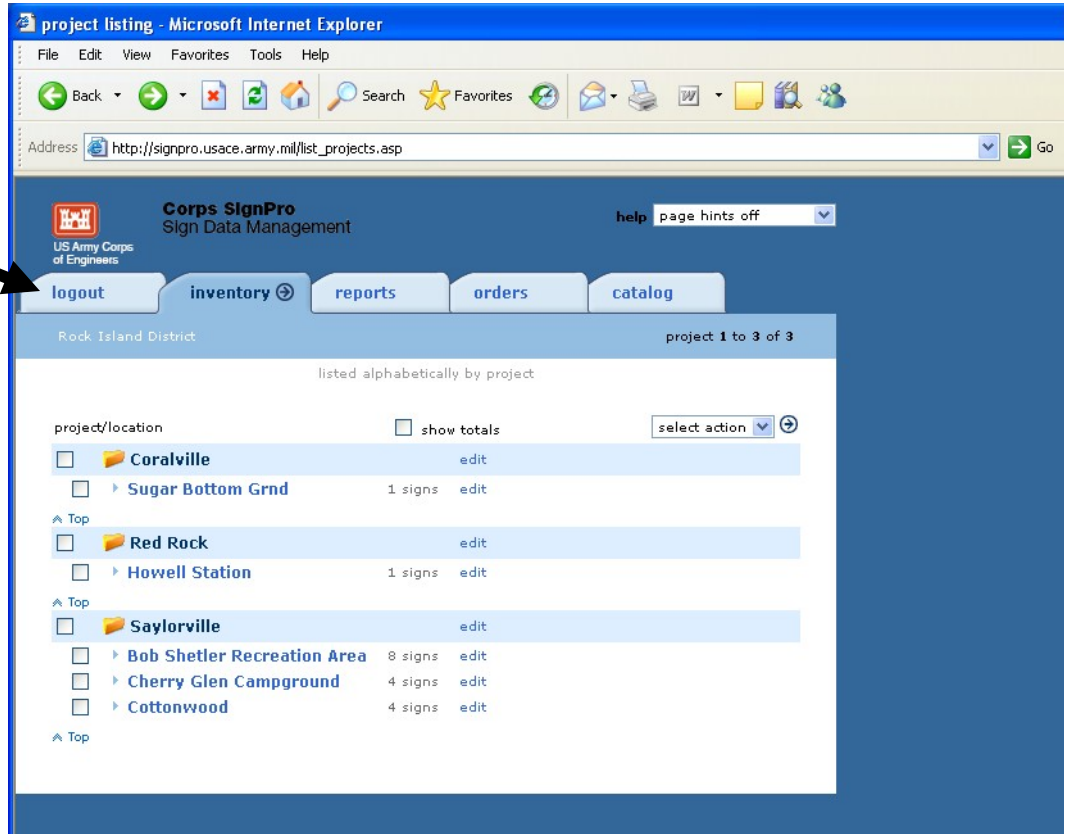
http://signpro.usace.army.mil/login.asp

- Obtain a log-in and password from your District Sign Program Manager.
- We encourage you to make Corps SignPro convenient for easy and fast access.
- Suggestion: Add it to your Favorites or add it as an icon to your desktop.

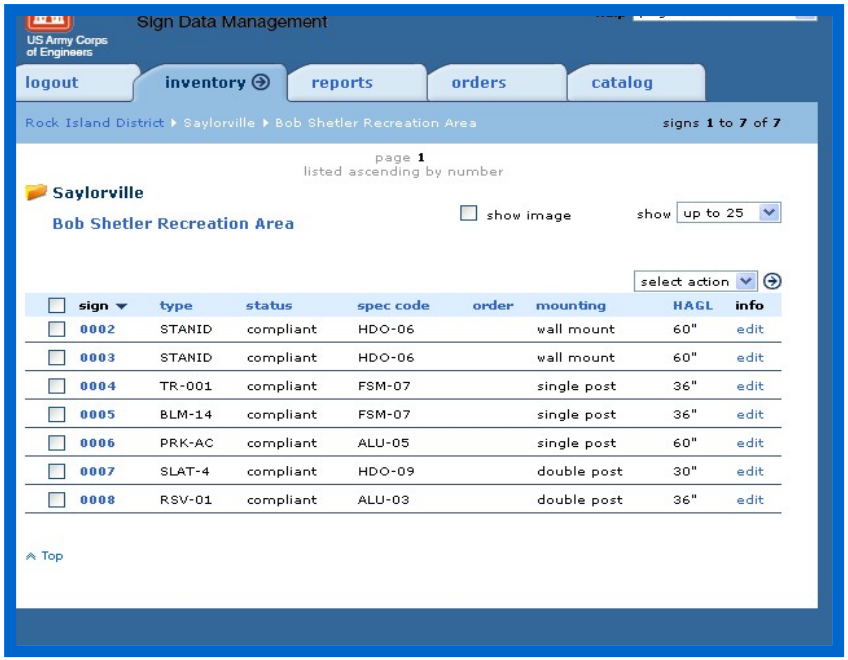
Navigating Sign Pro

The means to navigate around the program includes the tabs labeled logout, inventory, reports, orders, and catalog.

Click a tab to activate and a new screen will

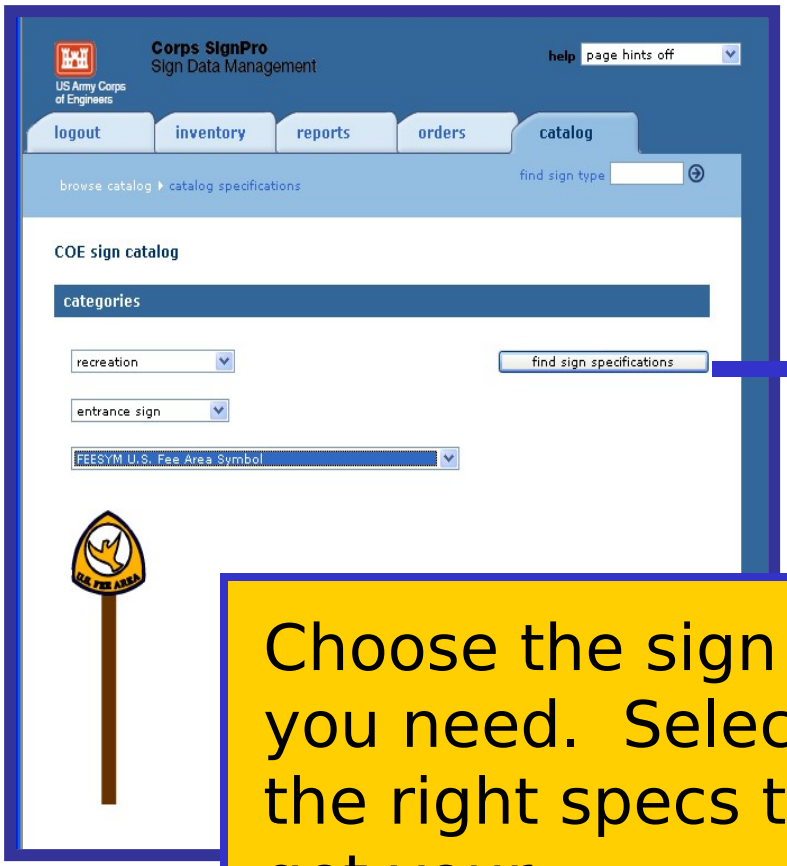


Corps SignPro: The Inventory


Sign Data Management
US Army Corps of Engineers
logout
inventory
reports
orders
catalog
Rock Island District ▸ Saylorville ▸ Bob Shetler Recreation Area
signs 1 to 7 of 7
page 1
listed ascending by number
Saylorville
Bob Shetler Recreation Area
show image
show up to 25
select action
sign | type | status | spec code | order | mounting | HAGL | info
0002 | STANID | compliant | HDO-06 | | wall mount | 60" | edit
0003 | STANID | compliant | HDO-06 | | wall mount | 60" | edit
0004 | TR-001 | compliant | FSM-07 | | single post | 36" | edit
0005 | BLM-14 | compliant | FSM-07 | | single post | 36" | edit
0006 | PRK-AC | compliant | ALU-05 | | single post | 60" | edit
0007 | SLAT-4 | compliant | HDO-09 | | double post | 30" | edit
0008 | RSV-01 | compliant | ALU-03 | | double post | 36" | edit
Top

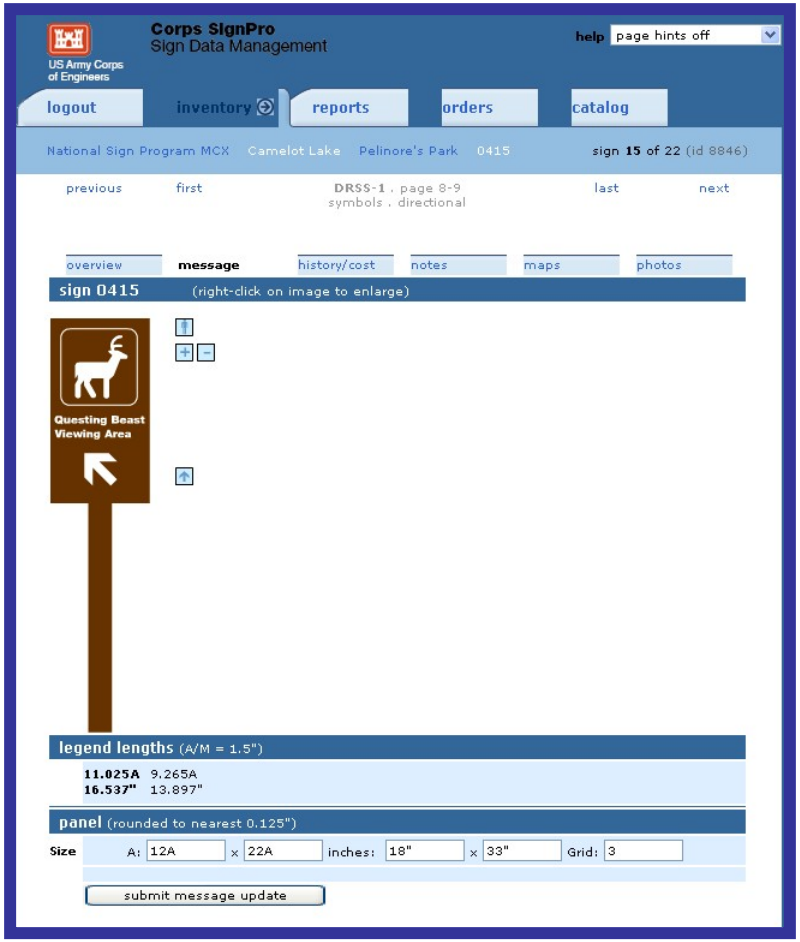
- The inventory screen shows all your signs.
- The inventory screen can be the basis of your sign plan, just add a reference map.

Corps Sign Pro: The Catalog



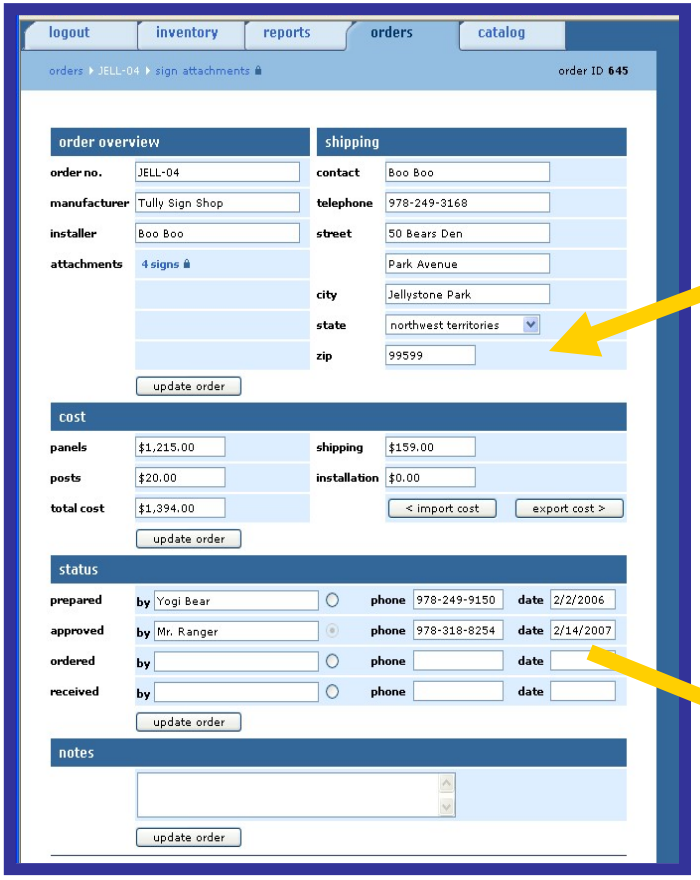
Choose the sign you need. Select the right specs to get your compliant sign.

The Message Screen

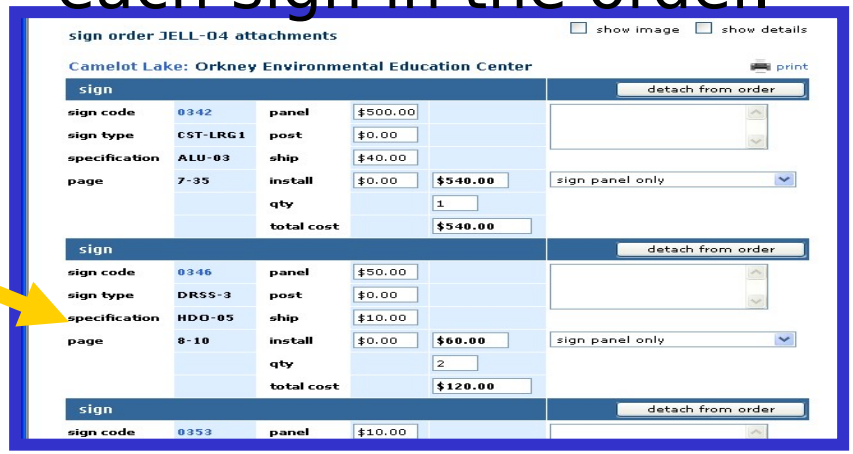


- Customize your signs here
- Add symbols
- Add & change text
- Show directional arrows
- Determine panel size

Corps Sign Pro: Orders



The Orders tab generates the Order cover sheet and attaches the specs for each sign in the order.



Questions?

- Resources
  - NRM Gateway: http://corpslakes.usace.army.mil/employees/sign/
  - Your District Sign Program Manager
  - Your Division Sign Program Manager
  - Sign MCX
  - Sign Advisory Work Group
- Rick Magee MCX, 651-290-5578
- Jeffrey Mangum NAE, 978-318-8282

Thank you for your attention.

Jeff Mangum and Rick Magee